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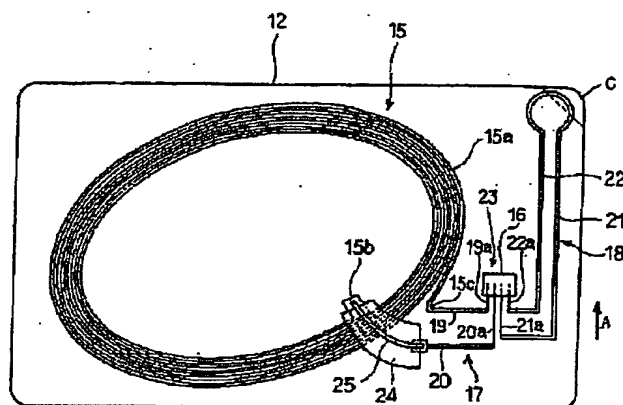
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TITLE : IC CARD AND ITS MANUFACTURING
METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a stable printing state free from disconnection or short circuit when forming a coil and a circuit pattern which connects the coil to an IC chip, on a circuit sheet by screen printing with respect to an IC card.

SOLUTION: When a line is perpendicular to the moving direction of a squeegee, parts protruding from the edge of the line like whiskers occur; and when plural lines exist with small gaps between them, lines may be short-circuited by these protruding parts. When a thin line is perpendicular to the moving direction of the squeegee, the narrow line becomes blurred to apt to fall into a disconnected stat. In order to resolve these problems, IC chip mounting lines 19a, 20a, 21a, and 21b which are the thinnest lines of turn lines of a coil 15 and circuit patterns 17 and 18 are determined so as to be in the same direction as the moving direction of the squeegee, and the coil 15 is made elliptic so that turn lines 15a may not inside lines perpendicular to the moving direction of the squeegee.

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